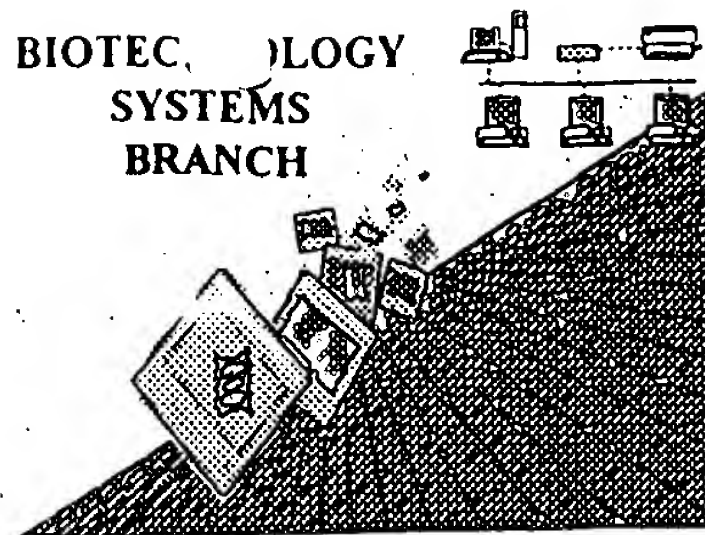


RAW SEQUENCE LISTING ERROR REPORT

BIOTEC, OLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/846, 637

Source: OIPE

Date Processed by STIC: 5-14-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/846,637

DATE: 05/14/2001

TIME: 12:56:24

Input Set : A:\2502seq.001

Output Set: N:\CRF3\05142001\I846637.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Jensen, Michael
6 <120> TITLE OF INVENTION: Selection Systems for Genetically
7 Modified Cells
9 <130> FILE REFERENCE: 24751-2502
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/846,637
C--> 12 <141> CURRENT FILING DATE: 2001-04-30
E--> 14 <160> NUMBER OF SEQ ID NOS 24
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0

*Number of sequences differ:**- 24 listed**- 39 shown**(see p. 2)*

ERRORED SEQUENCES

<210> 39

<211> 39

<212> DNA

<213> Artificial Sequence

→ last sequence on file.
24 were listed

<220>

<223> Description of Artificial Sequence: Reverse primer for S351Y mutation
of hIMPDH type II cDNA

<400> 39

gtcgtcacat gttccacata ctcatacgtg ccgcgaaac

39

□

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/846,637

DATE: 05/14/2001

TIME: 12:56:26

Input Set : A:\2502seq.001

Output Set: N:\CRF3\05142001\I846637.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:2110 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:19, CDS LOCATION: (0)...(1188)

L:14 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (24) Counted (39)